

Fig. 1

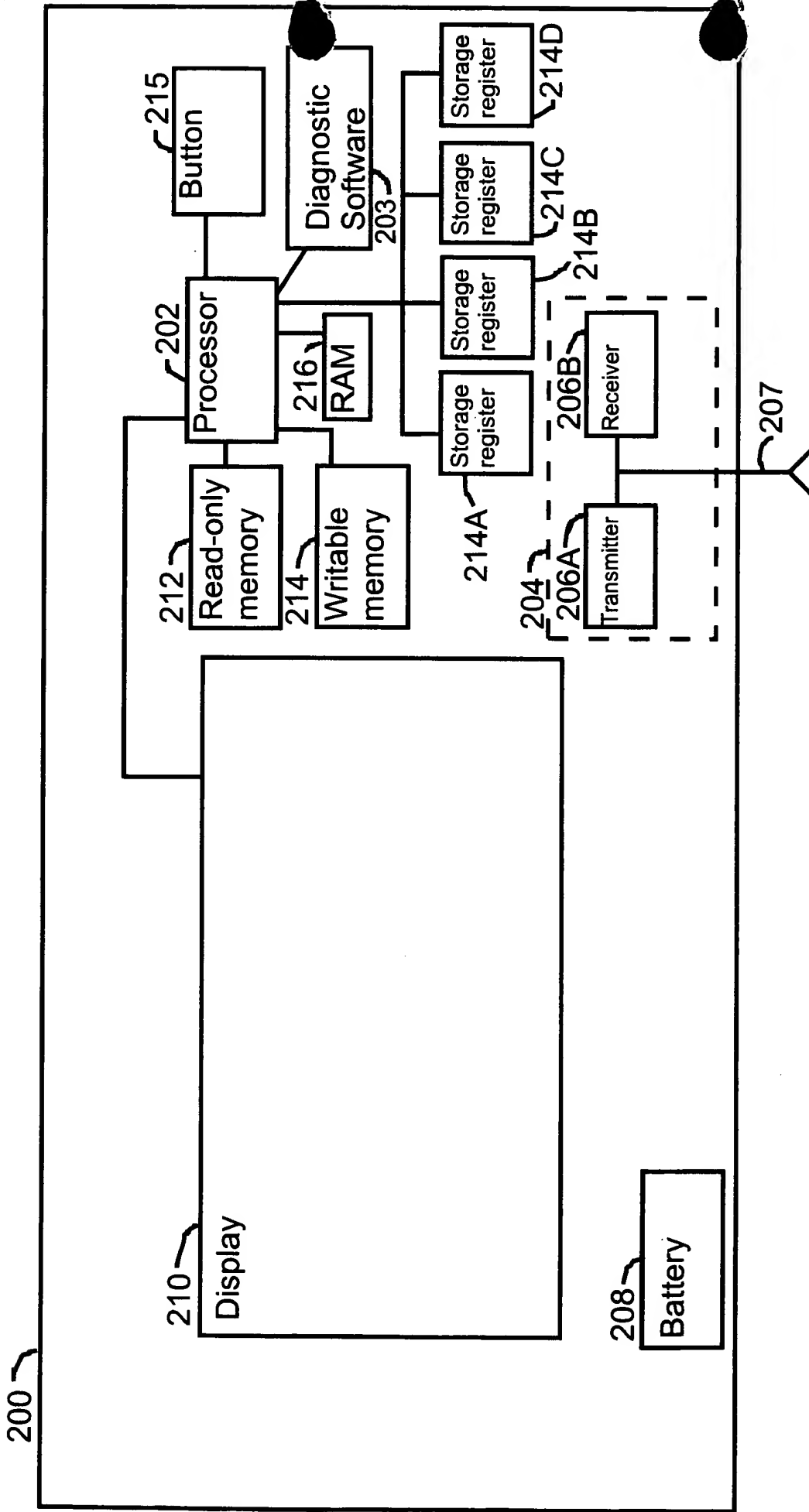


Fig. 2

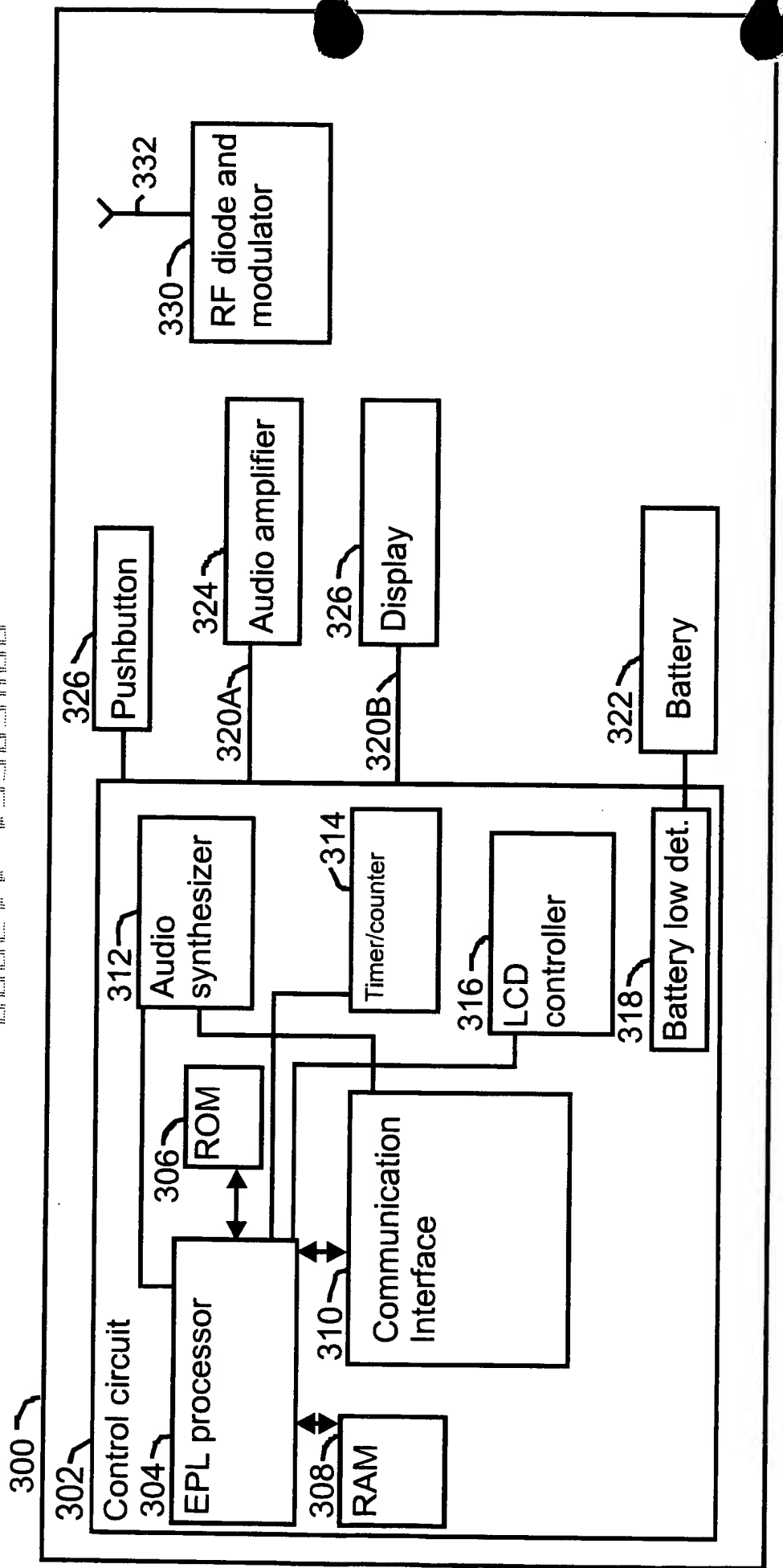


Fig. 3

400

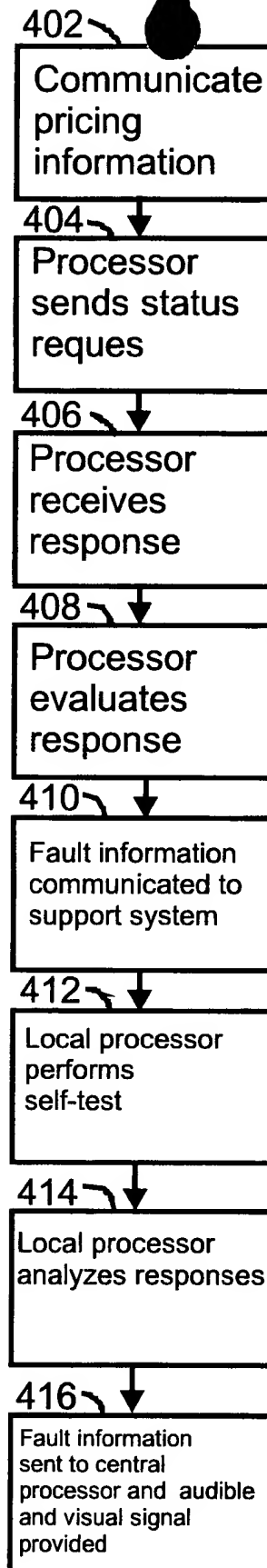


Fig. 4

500 ~

Test	Purpose	Method
502~ Battery level test	Test battery voltage	Query battery low detector
504~ Stuck button test	Test pushbutton	Check for rapid change in register selected for display
506~ Checksum test	Test displayed price and/or information	Compare display price with checksum
508~ LCD glass test	Test display glass	Query circuitry for LCD status
510~ Circuitry test	Test EPL circuitry	Query EPL circuitry and obtain return signal

Fig. 5

600 ~

Monitored Fault	Monitoring Action	Reported Recommendation
602~ EPL battery voltage low	Perform EPL battery level test	Replace battery or EPL if level is too low
604~ Pushbutton stuck	Perform stuck button test	Attempt to free stuck pushbutton and replace EPL if this fails
606~ Incorrect data displayed	Perform checksum test	Retransmit data and replace EPL if this fails to correct the fault
608~ EPL display faulty	Perform EPL LCD glass test	Replace EPL
610~ EPL circuitry faulty	Perform EPL circuitry test	Replace EPL

Fig. 6